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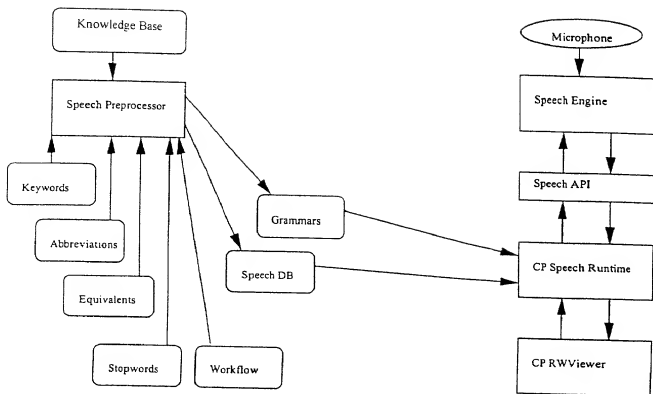


Figure 1

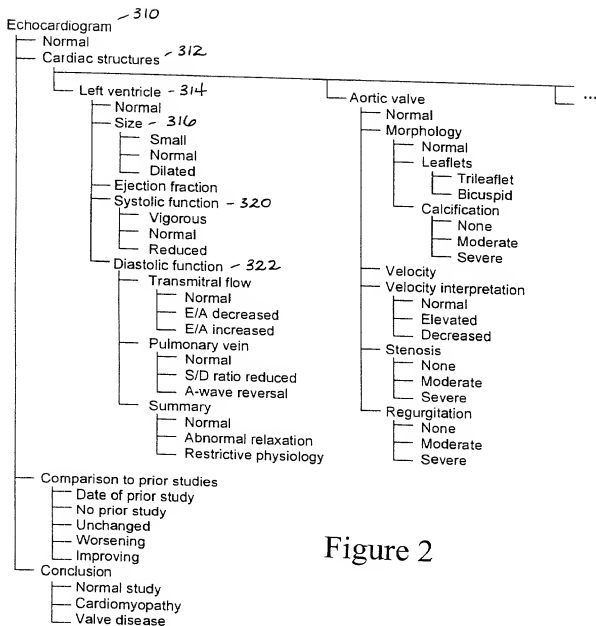
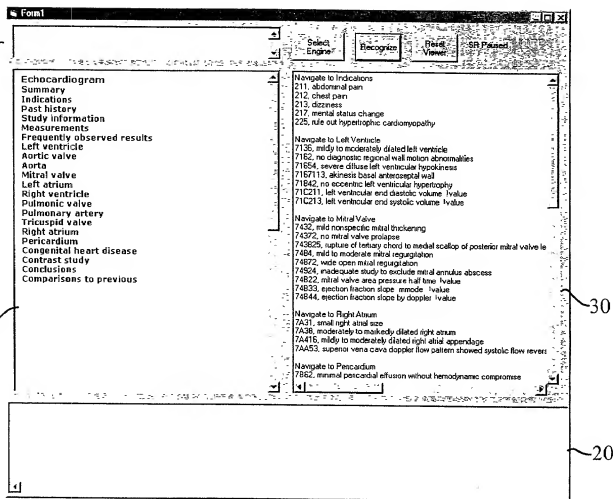


Figure 2



Form1

Finding Group: 74  
navigate to mitral valve

Select Engine Recognizes Reset Viewer SR Passes

Echocardiogram  
Summary  
Indications  
Past history  
Study Information  
Measurements  
Frequently observed results

Left ventricle  
Aortic valve  
Aorta  
Mitral valve

Not well seen  
Normal  
Morphology  
Prosthesis  
Leaflet excursion  
Velocity  
Stenosis  
Regurgitation  
Vegetation, abscess, mass  
Miscellaneous  
Measurements

✓ Rheumatic mitral valve deformity: moderate, posterior leaflet, mild restriction, moderate chordal involvement, diastolic doming  
✓ Mild-moderate MR  
✓ Wide-open MR  
✓ Inadequate study for mitral annulus abscess  
✓ Pressure half-time: 42.33msec  
✓ E-F slope (M-mode): 42.75cm/sec  
✓ E-F slope (Doppler): 42.83cm/sec

Left atrium  
Right ventricle

Navigate to Indications  
211, abdominal pain  
212, chest pain  
213, dizziness  
217, mental status change  
225, rule out hypertrophic cardiomyopathy

Navigate to Left Ventricle  
7136, mildly to moderately dilated left ventricle  
7162, no diagnostic regional wall motion abnormalities  
71854, severe diffuse left ventricular hypokinesis  
7187113, akinesis basal anteroapical wall  
71842, no eccentric left ventricular hypertrophy  
71C211, left ventricular end diastolic volume: lvalue  
71C213, left ventricular end systolic volume: lvalue

Navigate to Mitral Valve  
7432, mild nonspecific mitral thickening  
74372, no mitral valve prolapse  
743825, rupture of tentary chord to medial scallop of posterior mitral valve leaflet  
7484, mild to moderate mitral regurgitation  
74872, wide open mitral regurgitation  
74854, inadequate study to exclude mitral annulus abscess  
74822, mitral valve area pressure half time: lvalue  
74833, ejection fraction slope: mm/sec: lvalue  
74844, ejection fraction slope by doppler: lvalue

Navigate to Right Atrium  
7A31, small right atrial size  
7A38, moderately to markedly dilated right atrium  
7A416, mildly to moderately dilated right atrial appendage  
7A453, superior vena cava doppler flow pattern showed systolic flow revers

Navigate to Pericardium  
7B62, minimal pericardial effusion without hemodynamic compromise

30

20

40

10

navigate to mitral valve

Figure 4

Form1

Finding Group: 74  
navigate to mitral valve

Select Engine: Recognize: Reset: Off Paused

**Echocardiogram**

Summary

Indications

Past history

Study information

Measurements

Frequently observed results

Left ventricle

Aortic valve

**Mitral valve**

Stenosis

- None
- Very mild
- Mild
- Mild-moderate
- Moderate
- ✓ Moderate-severe
- Severe
- Critical

- Leaflet excursion »
- Mitral valve velocity »
- Mitral valve regurgitation »
- Mitral valve measurements »

- ✓ Rheumatic mitral valve deformity: moderate, posterior leaflet, mild restriction, moderate chordal involvement, diastolic doming
- ✓ Moderate-severe mitral stenosis
- ✓ Mild-moderate MR
- ✓ Wide-open MR
- ✓ Inadequate study for mitral annulus abscess
- ✓ Pressure half-time: 42.33msec
- ✓ E-F slope (M-mode): 42.75cm/sec

**Navigate to Indications**

- 211, abdominal pain
- 212, chest pain
- 213, dizziness
- 217, mental status change
- 225, rule out hypertrophic cardiomyopathy

**Navigate to Left Ventricle**

- 7136, mildly to moderately dilated left ventricle
- 7162, no diagnostic regional wall motion abnormalities
- 71654, severe diffuse left ventricular hypokinesia
- 7167113, akinesis basal anteroapical wall
- 71842, no eccentric left ventricular hypertrophy
- 71C211, left ventricular end diastolic volume: 1value
- 71C213, left ventricular end systolic volume: 1value

**Navigate to Mitral Valve**

- 7432, mild nonspecific mitral thickening
- 74372, no mitral valve prolapse
- 743625, rupture of tertiary chord to medial scallop of posterior mitral valve leaflet
- 7484, mild to moderate mitral regurgitation
- 74872, wide open mitral regurgitation
- 74924, inadequate study to exclude mitral annulus abscess
- 74922, mitral valve area pressure half time: 1value
- 74933, ejection fraction slope: m-mode: 1value
- 74944, ejection fraction slope by doppler: 1value

**Navigate to Right Atrium**

- 7A31, small right atrial size
- 7A38, moderately to markedly dilated right atrium
- 7A416, mildly to moderately dilated right atrial appendage
- 7A453, superior vena cava doppler flow pattern showed systolic flow reversal

**Navigate to Pericardium**

- 7B62, minimal pericardial effusion without hemodynamic compromise

7476 4@moderate to severe mitral stenosis@188,301,263,185,273

Figure 5

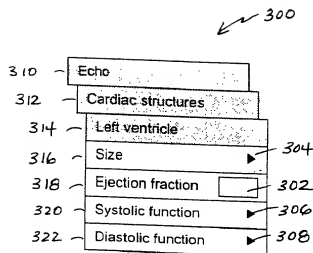


Figure 6A

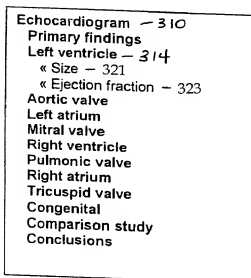


Figure 6B

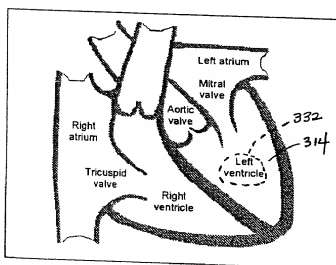


Figure 6C